

L35 ANSWER 178 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1995:252370 HCAPLUS Full-text  
 DOCUMENT NUMBER: 122:56585  
 TITLE: Cyclosporin A derivatives  
 INVENTOR(S): Jegorov, Alexandr; Matha, Vladimir; Landa, Vladimir;  
 Sedmera, Petr  
 PATENT ASSIGNEE(S): Czech Rep.  
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 DOCUMENT TYPE: Patent  
 LANGUAGE: Czech  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CS 277471	B6	19930317	CS 1989-6498	19891116
PRIORITY APPLN. INFO.:			CS 1989-6498	19891116

GI

Q-?-Abu-Sar-MeLeu-Val-MeLeu-Ala-D-Ala-MeLeu-MeLeu-MeVal

I

AB Title derivs. I [Q = (2S,3R,4R)-3-hydroxy-4,7-dimethyl-2-methylamino-8-oxooctanoic acid (A) or the isomeric (2S,3R,4R)-3-hydroxy-4-methyl-2-methylamino-9-oxononanoic acid (B)] are claimed. The <sup>1</sup>H-NMR spectrum of I (Q = A, both epimers at C-7) and the <sup>1</sup>H- and <sup>13</sup>C-NMR spectra of I (Q = B) are reproduced. The aldehyde group in I is designed to allow binding to a macromol. carrier without loss of biol. activity (no data). I inhibited proliferation of mouse lymphocytes in vitro with an activity nearly equal to that of cyclosporin A. Actual synthesis of I (by hydroformylation of cyclosporin A) is not described, but is the subject of Czechoslovakian patent 277,472.

IT 59865-13-3DE, Cyclosporin A, aldehydic derivs.

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation);

USES (Uses)

(preparation of cyclosporin A derivs. as immunosuppressants)

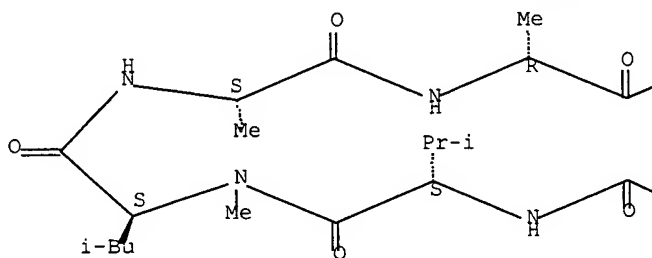
RN 59865-13-3 HCAPLUS

CN Cyclosporin A (9CI) (CA INDEX NAME)

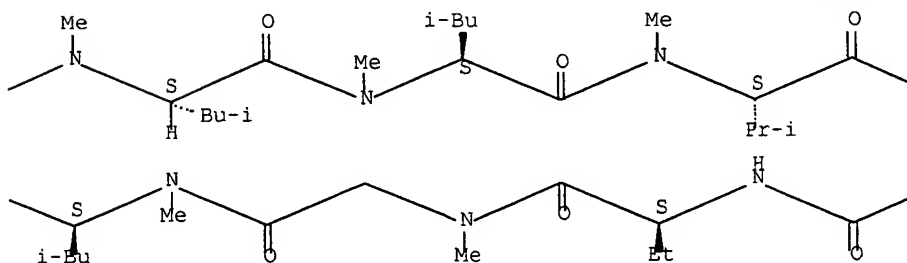
Absolute stereochemistry.

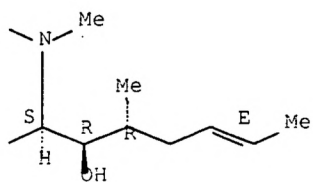
Double bond geometry as shown.

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PAGE 1-B





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